

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification<sup>6</sup> : C12N 15/33, C07K 14/03, C12N 5/00, C07K 16/08, G01N 33/50, C12Q 1/68, A61K 39/245</p>	<p>A1</p>	<p>(11) International Publication Number: <b>WO 98/03657</b>  (43) International Publication Date: 29 January 1998 (29.01.98)</p>
<p>(21) International Application Number: PCT/EP96/03199 (22) International Filing Date: 19 July 1996 (19.07.96)  (71) Applicants (<i>for all designated States except US</i>): BEHRING DIAGNOSTICS GMBH [DE/DE]; Postfach 11 49, D-35001 Marburg (DE). NEW YORK UNIVERSITY [US/US]; 70 Washington Square, S., New York, NY 10012 (US).  (72) Inventors; and (75) Inventors/Applicants (<i>for US only</i>): FLECKENSTEIN, Bernhard [DE/DE]; Schlafhauser 228, D-91369 Wiesenthaue (DE). ALBRECHT, Jens-Christian [DE/DE]; Fichtenstrasse 61, D-90763 Fftrth (DE). NEIPEL, Frank [DE/DE]; Maria-Gebberstrasse 17, D-91080 Uttenreuth (DE). FRIEDMAN-KIEN, Alvin [US/US]; Apartment 2-3A, 1 Lexington Avenue, New York, NY 10010 (US). HUANG, Yao-Qi [US/US]; Apartment 7E, 333 East 30th Street, New York, NY 10016 (US).  (74) Common Representative: BEHRING DIAGNOSTICS GMBH; Patente und Lizenzen, Postfach 11 49, D-35001 Marburg (DE).</p>		<p>(81) Designated States: US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  Published With international search report.</p>
<p>(54) Title: VIRAL INTERLEUKIN-6  (57) Abstract  The present invention relates to viral interleukin-6 (v-IL-6), which can be obtained by recombinant expression of the DNA of human herpesvirus type 8 (HHV-8), and which may be used in diagnosis and treatment of human diseases such as kaposi sarcoma, Castleman's disease, multiple myeloma, kidney cell carcinoma, mesangial proliferative glomerulonephritis or B cell lymphoma.</p>		